

**A study of the life
cycle of *Notothenia
neglecta* Nybelin
(Pisces) from the
South Shetlands
region, Antarctica**

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On the basis of a set of data gathered over a 3-year period, the author carried out a standard population survey of *Notothenia neglecta* in the Admiralty Bay area, measuring weight, length, rate of growth and age in males and females separately, and also the maturity of female gonads. Besides this, he focused on hitherto unexplained aspects of this species' life cycle, such as its spawning period and embryogenesis. A frequency analysis of the gonad maturity stages led to the discovery that spawning occurs in May and June, and that the smallest males and females involved in reproduction were 27 and 31 cm long respectively.

Pelagic embryos first appear in May and their numbers peak in June. This is the first time that the entire course of embryogenesis in this species, lasting from June to December, has been described.

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